

March 26, 1962
#136-003

STATINTL

Dear Myron:

File in E

Dupe positives from test missions 0003 and 0005 were sent you by project aircraft on March 21 and March 22.

The material selected was at the start of two different test runs. A definition difference will be apparent. Conditions of lens focus and filter used were different between the two runs as well as exposure slit width which affects the degree of smear from mechanical support perturbations as well as vehicle flight instability.

Please do not judge the material as the optimum which can be obtained from the test configuration.

We are planning a new series of tests starting subsequent to April 15, 1962. The test is being oriented to obtain optimum photography during several of the runs rather than recording effects of a variety of controlled operational experimental changes. We hope to have the pleasure, therefore, of submitting new material representing anticipated best recorded definition within 30 to 60 days.

Another input might be of interest to you. During our discussion on data, we presented a system which serves as a ground track of the mission and which can be plotted directly from mission data by computer manipulation. The one item missing was cloud cover prediction. The back-up V/H system which we are investigating and have proposed for procurement yields an output analog voltage (which could be digitized) representing percent cloud cover within 10-15%. This is accomplished by monitoring a line scan integration. We have not been completely convinced of its validity, however, feel that it might be of some use.

If there are any questions, please drop me a line or give me a call.

B. L. E.
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BLE:LB

cc: W.R.E., R.A.G., E.L.G., C.F.H.